

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12356 (1988): Purchaser's Data Sheet for Clean Air Equipment (Laminar Flow) [MED 17: Chemical Engineering Plants and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

PURCHASER'S DATA SHEET FOR
CLEAN AIR EQUIPMENT (LAMINAR FLOW)

1. Scope — Covers the technical data to be furnished by a purchaser while placing an enquiry or order to a supplier for the purchase of laminar flow work stations.

2. Purchaser's Data Sheet

PURCHASER'S DATA SHEET FOR CLEAN AIR EQUIPMENT (LAMINAR FLOW)

1) General Information

- a) Name of purchaser:
- b) Activity planned:
- c) Location of plant:
- d) Chemicals being used, if any:
- e) Auxilliary supplies required on work station (for example, DI water connection, nitrogen/gas connection, oxygen supply point, normal water etc)
(Source station, namely, nitrogen, oxygen cylinders, DI water plant, etc, excluded from the scope):
- f) Position of work station in user's building
- g) Details of the room where the work station shall be located:
- h) Present air filtration details:
 - 1) Airconditioned space only: central/window
 - 2) Clean room using HEPA filters: present cleanliness level
 - 3) Non air-conditioned room:
 - 4) Present work stations in room:
 - 5) Size of the work area:
 - 6) Clear height of the room available:
- j) User's equipments to be used in the work stations, their dimensional details and preferred plan of their orientation in work area:
- k) User's choice of type:
 - 1) Vertical laminar flow work stations
 - 2) Horizontal laminar flow work stations
 - 3) Chemical work stations
 - 4) Bio-safe work stations

Nitrogen, oxygen
methane, argon,
others, specify

(Drawings showing
room details preferred)

2) Equipment**a) Work area**

Length *L* _____ mm

Depth *D* _____ mm

Height *H* _____ mm

Adopted 18 April 1988

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Gr 1

b) *Work table top*

Vibration free _____ Yes/No

Material: Melamine/Formica/Stainless steel/Others corrosion resistant against chemical _____ Yes/No

Antistatic _____ Yes/No

c) *Additional electric points required on work station*

230 V ac single phase, 50 Hz

5 A socket with switch

Others specify _____

d) Ultra-violet tube light required _____ Yes/No

e) Fluorescent tube light, colour _____
White
Yellow
Other

f) Construction material of cabinet MS sheets pre-treated and painted _____

EXPLANATORY NOTE

The information given by a purchaser according to this data sheet will enable a manufacturer or supplier to assess the exact requirements of the purchaser and recommend to him the most suitable type of equipment.